



Biobased Polymers and Sustainability

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Message from the Guest Editor

Dear Colleagues,

Even though plastics have changed our lives with their wide range of benefits, such as their durability, strength, and versatility, most of these conventional plastics are manufactured primarily from fossil resources such as crude oil, which are not only limited but also have a significant influence on global climate change. Biobased plastics, which are derived partly or completely from renewable resources such as sugarcane, sugar beet, castor bean, maize, and so on, although with a 6% of the market presence in the global plastics market, have seen an increasing growth and are projected to increase their presence in the next two decades. It is important to investigate their direct and indirect environmental impacts throughout the value chain of the products, even before their production. In addition to the final thermomechanical properties, it is important to communicate transparently to stakeholders (businesses and consumers) on the performance of developed products, which is insufficient as of now.

Dr. Mainer Iturrondobeitia
Guest Editor





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